Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 29 Jul 2022 until 23:59 on Saturday 30 Jul 2022

Forecast Issued on Thursday 28 Jul 2022 at 14:12

Confidence: High for a pattern of changeable conditions, giving a mix of outbreaks of rain and drier, brighter periods.

Headline for Friday 29 Jul 2022: Lot of dry weather with chance of showers for a time, perhaps heavy.

Mountain weather hazards on Friday 29 Jul 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain showers	Partly cloudy (night)	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy
Precipitation probability							
40%	<05%	10%	10%	30%	40%	20%	10%

Forecast for Friday 29 Jul 2022

Weather: A bright day with a mixture of sunny spells and scattered showers. Becoming drier and brighter into the evening, but with possible strengthening winds developing ahead of some patchy rain overnight.

Chance of cloud-free hill tops above 600m: Greater than 90% throughout, perhaps falling to 40% in the west later in the evening.

Low cloud and visibility: Above the tops through much of the day, with only a moderate reduction is visibility due to any showers. Bases down to around 400m, as cloud pushes into the west later, with some moderate visibility possible in any evening rain.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Friday 29 Jul 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/25 SE	14/22 SE	14/20 SE	12/16 SE	8/12 S	7/11 S	5/7 S	7/9 S	11/16 S
300	13/24 SE	12/22 SE	8/16 SE	9/14 SE	6/9 SW	6/10 SW	4/6 S	4/6 SE	8/14 S
Valley	8/19 SE	8/18 SE	6/13 E	4/10 SE	5/9 SW	4/8 SW	3/5 SE	4/7 SE	4/11 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/10	12/10	12/10	13/11	15/13	16/15	16/16	15/14	15/12
300	15/13	14/12	14/12	15/13	17/16	19/18	19/19	17/17	16/15
Valley	15/14	14/13	14/13	16/15	19/18	20/19	20/20	17/17	16/16
Freezing Level*	2700m	2600m	2600m	2600m	2600m	2700m	2800m	2800m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Any showers and rain could leave slippery surfaces, even when drier conditions develop.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 28 Jul 2022	1.4mm	1.4mm	9.2mm

Forecast for Saturday 30 Jul 2022

Weather: Cloudy with some patchy rain and drizzle during the early hours of Saturday, with some mist likely. Turning drier and brighter with sunny spells by the end of the morning. Chance of afternoon and evening showers. Feeling quite warm and humid. Breezy across summits.

Maximum wind: West or SW with gusts 35mph across summits.

Chance of cloud-free hill tops above 600m: 30% in early hours and again after dusk otherwise 90% for most of daylight hours.

Low cloud and visibility: Cloud bases around 300m in early hours probably shrouding most summits with poor visibility in drizzle and mist becoming good or very good during daylight hours.

Temperature: **Valleys:** Plus 12 degrees Celsius becoming plus 22 degrees Celsius for a time.
At 600m: Plus 14 degrees Celsius becoming plus 18 degrees Celsius for a time.
Freezing level: Well above summits.

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